

<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input type="checkbox"/> Declaration Submitted with Initial Filing      OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney D ck t Number	06419 USA
	First Named Inventor	VanEric Edward Stein, et al.
	<b>COMPLETE IF KNOWN</b>	
	Application Number	/
	Filing Date	
	Group Art Unit	
	Examiner Name	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ION TRANSPORT MEMBRANE MODULE AND VESSEL SYSTEM

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)  as United States Application Number or PCT International

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (10-00)  
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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number or Bar Code Label <b>23543</b> OR <input type="checkbox"/> Correspondence address below			
Name			
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Address			
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Country	Telephone		Fax
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR :		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) VanEric Edward		Family Name or Surname Stein	
Inventor's Signature		Date	
Residence: City Allentown	PA State	USA Country	USA Citizenship
Mailing Address 1090 Dylan Drive			
Mailing Address			
Allentown City	PA State	18104 ZIP	USA Country
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) Michael Francis		Family Name or Surname Carolan	
Inventor's Signature		Date	
Residence: City Allentown	PA State	USA Country	USA Citizenship
Mailing Address 1091 Treeline Drive			
Mailing Address			
Allentown City	PA State	18103 ZIP	USA Country
<input checked="" type="checkbox"/> Additional inventors are being named on the <u>4</u> supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.			

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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>1</u> of <u>4</u>
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<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Christopher M.		Chen	
Inventor's Signature			Date
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Mailing Address			
City Allentown	PA State	ZIP 18106	USA Country
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Phillip Andrew		Armstrong	
Inventor's Signature			Date
Residence: Orefield City	PA State	USA Country	USA Citizenship
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Mailing Address			
City Orefield	PA State	ZIP 18069	USA Country
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Harold W.		Wahle	
Inventor's Signature			Date
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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Theodore R.		Ohrn	
Inventor's Signature		Date	
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Mailing Address			
City	Alliance	OH State	ZIP 44601 USA Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Kurt E.		Kneidel	
Inventor's Signature		Date	
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Keith Gerard		Rackers	
Inventor's Signature		Date	
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City	Louisville	OH State	ZIP 44641 USA Country

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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>3</u> of <u>4</u>
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<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
James Erik		Blake	
Inventor's Signature		Date	
Residence: City Uniontown	OH State	USA Country	USA Citizenship
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City Uniontown	OH State	ZIP 44685	USA Country
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Shankar		Nataraj	
Inventor's Signature		Date	
Residence: City Allentown	PA State	USA Country	India Citizenship
Mailing Address 1012 South Hillview Drive			
Mailing Address			
City Allentown	PA State	ZIP 18103	USA Country
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Rene Hendrik Elias		van Doorn	
Inventor's Signature		Date	
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Mailing Address 74182 Wilsbach			
Mailing Address			
City Baden Wurtemberg	State	ZIP	Germany Country

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## DECLARATION

### ADDITIONAL INVENTOR(S)

Supplemental Sheet

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<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Merrill Anderson		Wilson	
<b>Inventor's Signature</b>		<b>Date</b>	
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Mailing Address 3528 West Piera Circle			
Mailing Address			
City	West Jordan	UT State	84084 ZIP
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
<b>Inventor's Signature</b>		<b>Date</b>	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
<b>Inventor's Signature</b>		<b>Date</b>	
Residence: City	State	Country	Citizenship
Mailing Address			
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